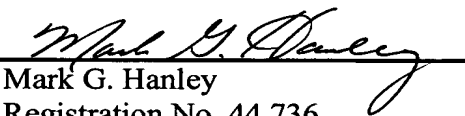




PATENT  
INTEL/16810

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicants: Tang et al.	)	I hereby certify that this paper is
	)	being deposited with the United
Serial No.: 10/648,500	)	States Postal Service with
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Filed: August 26, 2003	)	mail in an envelope addressed to:
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Assignee: Intel Corporation	)	Box 1450, Alexandria, VA 22313-
	)	1450 on this date:
For: METHODS AND APPARATUS FOR	)	
DETERMINING APPROXIMATING	)	January 15, 2004
POLYNOMIALS USING INSTRUCTION-	)	
EMBEDDED COEFFICIENTS	)	
	)	Mark G. Hanley
Group Art Unit: Unknown	)	Registration No. 44,736
	)	Attorney for Applicants
Examiner: Unknown	)	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir or Madam:

The patents and/or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 CFR §§ 1.56, 1.97, and 1.98. Copies of the patents or publications are enclosed.

**TIME OF FILING**

This information disclosure statement is being filed to the best of the undersigned's knowledge, before the mailing date of a first Office action on the merits. In accordance with 37 CFR §1.97(b), no certification or fee is required.

### PRIOR AND RELATED APPLICATIONS

The examiner is respectfully made aware of the following co-pending application  
-which contains subject matter related to this application:-

Applicant(s):	Tang et al.
Serial No.	10/726,828
Filing Date:	December 3, 2003
Title:	METHODS AND APPARATUS FOR PERFORMING CALCULATIONS USING REDUCED-WIDTH DATA
Status:	Filed

### METHOD OF PAYMENT

☒ No fee is required.

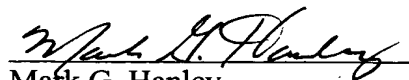
The Commissioner is authorized to charge any fee deficiency required by this paper, or credit any overpayment, to Deposit Account No. 50-2455. A copy of this paper is enclosed.

Correspondence Address:

Respectfully submitted,

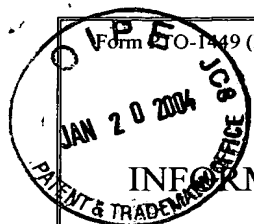
GROSSMAN & FLIGHT, LLC.  
20 N. Wacker Drive  
Suite 4220  
Chicago, Illinois 60606  
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By:

  
Mark G. Hanley  
Registration No.: 44,736

January 15, 2004

Attorneys for Intel Corporation



Form PTO-1449 (Modified)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

INTEL/16810

Serial No.

10/648,500

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicants

Tang et al.

Filing Date

8/26/2003

Group Art Unit

Unknown

## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

*Examiner Initials	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	M.J.D. Powell. "Approximation Theory and Methods." Cambridge University Press, May, 1981. Pages 85-95. ISBN: 0521295149.
	"IEEE Standard for Floating-point Arithmetic." ANSI/IEEE Standard 754-1985. Published by The Institute of Electrical and Electronics Engineers, Inc., New York, New York. 1985.
	Ping Tak Peter Tang. "Table-lookup Algorithms for Elementary Functions and Their Error Analysis." Proceedings of the 10 <sup>th</sup> Symposium on Computer Architecture, pages 232-236. Grenoble, 1991.
	Cornea-Hasegan, M; Norin B. "IA-64 Floating-point Operations and the IEEE Standard for Binary Floating-point Arithmetic." Intel Technology Journal Q4, 1999. <a href="http://www.intel.com/technology/itj/q41999/pdf/ia64fpbf.pdf">http://www.intel.com/technology/itj/q41999/pdf/ia64fpbf.pdf</a> .

EXAMINER

DATE CONSIDERED

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